

Converting Colors

$Yxy(88.6851, 0.3802, 0.3204)$

Have a look what the booklet for
Yxy(88.6851, 0.3802, 0.3204)
contains.

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Color

Yxy(75.2971, 0.3353, 0.3190)

Conversions

Conversions Part 1

Format	Color
Hex	FFD7E1
RGB	255, 215, 225
RGB Percent	100%, 84%, 88%
CMY	0.0000, 0.1569, 0.1176
CMYK	0.00, 0.16, 0.12, 0.00
HSL	345°, 100%, 92%
HSV	345°, 16%, 100%
XYZ	79.1446, 75.2971, 81.5994
YIQ	228.1000, 20.6300, 11.5900

Conversions

Conversions Part 2

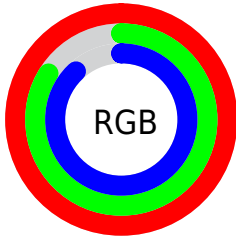
Format	Color
R _Y B	255, 215, 225
Decimal	16766945
CIE Lab	89.53, 15.52, 0.29
CIE LCh	90, 15.520, 1.057
Yxy	75.2971, 0.3353, 0.3190
Android (android.graphics.Color)	4294957025 (0xFFFFD7E1)
YUV	228.1000, -1.5283, 23.5913
Hunter-Lab	86.7739, 10.9516, 4.9873

Details

The Yxy color $75.2971, 0.3353, 0.3190$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $92.5567, 0.2942, 0.3393$, and the grayscale version is $77.6541, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $40.0497, 0.3404, 0.3162$ is the 20% darker color. If you saturate the color by 10%, you get $62.3163, 0.3540, 0.3122$, and if you desaturate by 10%, it is $90.4067, 0.3200, 0.3255$.

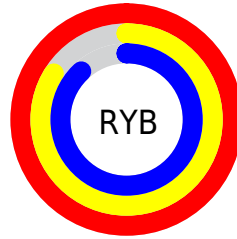
Distribution



Red (100%)

Green (84%)

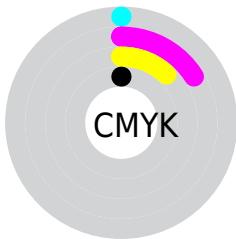
Blue (88%)



Red (100%)

Yellow (84%)

Blue (88%)

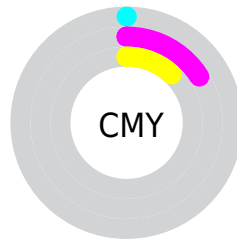


Cyan (0%)

Magenta (16%)

Yellow (12%)

Black (0%)



Cyan (0%)


Magenta (16%)


Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.2971, 0.3353, 0.3190 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 75.2971, 0.3353, 0.3190 by changing the saturation by 10% instead.


 75.2971, 0.3353,
0.3190

 75.2971, 0.3353,
0.3190


478.9381, 0.3249,
0.3236

 55.8563, 0.3377,
0.3179


126.7328, 0.3317,
0.3206

 40.0877, 0.3406,
0.3166

159.4966, 0.3303,
0.3212

 27.6070, 0.3443,
0.3150


197.4701, 0.3291,
0.3218

 18.0296, 0.3491,
0.3128

241.0378, 0.3280,
0.3222

 10.9712, 0.3557,
0.3099

290.5840, 0.3271,
0.3226

 6.0475, 0.3651,
0.3057

346.4932, 0.3263,

 2.8740, 0.3798,

0.3230

0.2991

409.1498, 0.3256,
0.3233

■ 1.0663, 0.4058,
0.2874

■ 0.0000, 1.0000,
0.0000

■ 75.2971, 0.3353,
0.3190

■ 75.2971, 0.3353,
0.3190

■ 62.3163, 0.3540,
0.3122

■ 90.4067, 0.3200,
0.3255

■ 51.3847, 0.3770,
0.3053

100.0000, 0.3127,
0.3290

■ 42.3917, 0.4049,
0.2988

■ 35.2229, 0.4377,
0.2935

■ 29.7520, 0.4748,
0.2902

■ 25.8365, 0.5143,
0.2902

■ 23.3102, 0.5526,
0.2942

■ 21.9680, 0.5855,
0.3024

■ 21.6284, 0.5974,
0.3065

Harmonies

Analogous

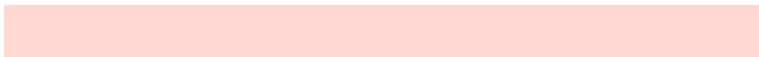
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.2971, 0.3177, 0.3060



75.2971, 0.3353, 0.3190



75.2971, 0.3469, 0.3347

Triad

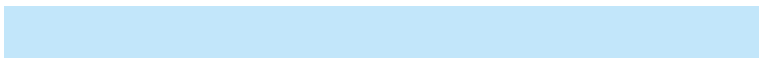
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.2971, 0.3353, 0.3190



75.2971, 0.3255, 0.3612



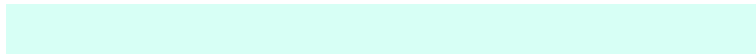
75.2971, 0.2777, 0.3072

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



75.2971, 0.3353, 0.3190



92.5567, 0.2942, 0.3393

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.2971, 0.2797, 0.3217



75.2971, 0.3353, 0.3190



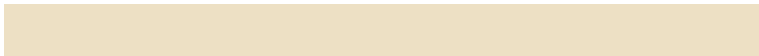
75.2971, 0.3070, 0.3537

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



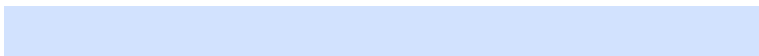
75.2971, 0.3353, 0.3190



75.2971, 0.3410, 0.3595



75.2971, 0.2903, 0.3389



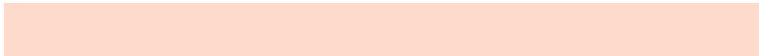
75.2971, 0.2848, 0.2990

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.2971, 0.3353, 0.3190



75.2971, 0.3494, 0.3449



75.2971, 0.2903, 0.3389



75.2971, 0.2774, 0.3114

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



75.2912, 0.3353, 0.3190



91.5328, 0.3191, 0.3259



75.1068, 0.3071, 0.2891



19.3467, 0.3201, 0.3255



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

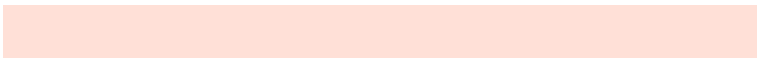
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.2912, 0.3353, 0.3190



70.7655, 0.3410, 0.3168



79.6513, 0.3410, 0.3385



18.0617, 0.3255, 0.3231



11.3212, 0.5934, 0.3043



1.1189, 0.5620, 0.2869

Inverse Universe

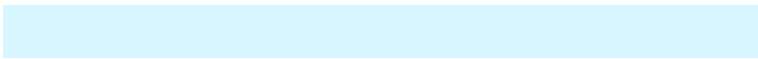
The Inverse Universe completely reimagines the original color for something new.



75.2912, 0.3353, 0.3190



70.7655, 0.3410, 0.3168



87.3724, 0.2885, 0.3193



18.0617, 0.3255, 0.3231



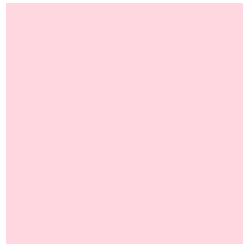
11.3212, 0.5934, 0.3043



1.1189, 0.5620, 0.2869

Previews

White Background



This preview shows how the Yxy color 75.2971, 0.3353, 0.3190 looks on a white background.

Color Contrast Check

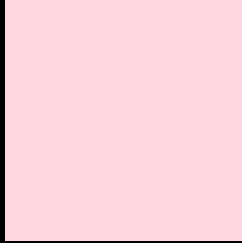
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 75.2971, 0.3353, 0.3190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

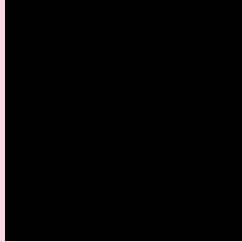
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.2971, 0.3353, 0.3190

Background



This preview shows how black text looks on a background with the Yxy color 75.2971, 0.3353, 0.3190.

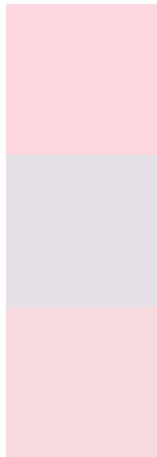


This preview shows how white text looks on a background with the Yxy color 75.2971, 0.3353, 0.3190.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

75.2971, 0.3353, 0.3190

Protanopia

75.5185, 0.3116, 0.3227

Deuteranopia

75.2988, 0.3297, 0.3229



Tritanopia

75.1227, 0.3311, 0.3121

Trichromacy



Original Color

75.2971, 0.3353, 0.3190

Protanomaly

75.4915, 0.3202, 0.3218

Deuteranomaly

75.3315, 0.3320, 0.3219

Tritanomaly

75.0103, 0.3325, 0.3140

Monochromacy



Original Color

75.2971, 0.3353, 0.3190

Achromatopsia

77.5822, 0.3127, 0.3290

Achromatomaly

76.4985, 0.3207, 0.3249

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.2971, 0.3353, 0.3190 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(255, 215, 225)` looks like.

```
.text, #text, p{  
    color:rgb(255, 215, 225)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(255, 215, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 215, 225) }
```

Border

The CSS property to change the border of an element to Yxy 75.2971, 0.3353, 0.3190 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 215, 225) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(255, 215, 225) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(255, 215, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 215, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 215, 225);  
box-shadow:4px 4px 4px 4px rgb(255, 215,  
225) }
```


Background

The CSS property to change the background color of an element to Yxy 75.2971, 0.3353, 0.3190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 215, 225) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(255,  
215, 225) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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